Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 29 Jun 2023 until 23:59 on Friday 30 Jun 2023

Forecast Issued on Wednesday 28 Jun 2023 at 14:56

Confidence: High for the overall story, with changeable weather, and a mixture sunshine and showers with occasional bouts of rain and drizzle.

Headline for Thursday 29 Jun 2023: A mainly fine day with some sunshine and brisk west or northwest winds. Increasing chance of showers.

Mountain weather hazards on Thursday 29 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny intervals	Cloudy	Light rain showers	Light rain showers	Sunny intervals	Clear night
Precipitation probability							
20%	20%	30%	30%	40%	40%	20%	20%

Forecast for Thursday 29 Jun 2023

Weather: Starting mainly cloudy in early hours of Thursday with some clear spells developing before dawn. Thursday morning then mostly dry with some bright or sunny spells. Increasing chance of showers through the day, with a mainly dry evening to follow. Feeling less humid and fresher than Wednesday.

Chance of cloud-free hill tops above 600m: 20% or less in early hours improving to 90% during the morning, after dawn.

Low cloud and visibility: Broken to overcast bases around 300m lifting and breaking to scattered bases around 900m during Thursday morning. Visibility moderate or poor at first and very poor in cloud covering peaks, becoming good by dawn, with some good views of distant features likely.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 29 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 NW	9/15 NW	11/15 NW	15/21 NW	16/22 W	17/24 W	15/22 W	11/17 W	11/17 SW
300	9/14 NW	8/12 W	8/11 NW	13/19 NW	14/21 W	15/22 W	13/20 W	7/12 W	7/12 SW
Valley	6/13 NW	4/11 NW	4/9 NW	11/19 NW	11/22 W	11/22 W	11/21 W	5/12 W	3/10 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	10/8	9/7	11/8	12/9	13/10	12/9	10/8	9/7
300	13/12	12/11	12/10	14/11	15/12	16/13	15/12	13/12	11/10
Valley	14/13	12/11	12/12	15/13	16/14	17/14	16/13	12/12	11/11
Freezing Level*	3000m	2300m	1700m	1800m	1900m	1900m	1800m	1900m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Brisk northwesterly winds will give quite cool conditions across peaks. Sunshine will be strong so skin protection is advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 28 Jun 2023	0.8mm	1mm	4mm

Forecast for Friday 30 Jun 2023

Weather: Turning cloudier during the early hours of Friday morning with cloud lowering throughout the day, probably shrouding summits by the middle part of the day. Outbreaks of rain and drizzle then arriving Friday afternoon and turning persistent in some northern areas through the evening and overnight period. Fresh to strong southerly or southwesterly winds, becoming westerly later.

Maximum wind: Southwesterly with gusts reaching around 30-35 mph late afternoon.

Chance of cloud-free hill tops above 600m: 80% becoming 10% or less by the afternoon.

Low cloud and visibility: Scattered bases around 700m soon becoming broken bases 600m in morning, and lowering further to overcast bases 300m in afternoon and evening.

Temperature: **Valleys:** Plus 10 degrees Celsius rising to plus 19 degrees Celsius in afternoon.
At 600m: Plus 8 degrees Celsius rising to plus 14 degrees Celsius in afternoon.
Freezing level: Well above summits.

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